

FIGURE 1

10009972.021400

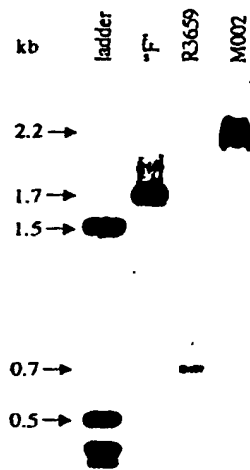


FIGURE 2

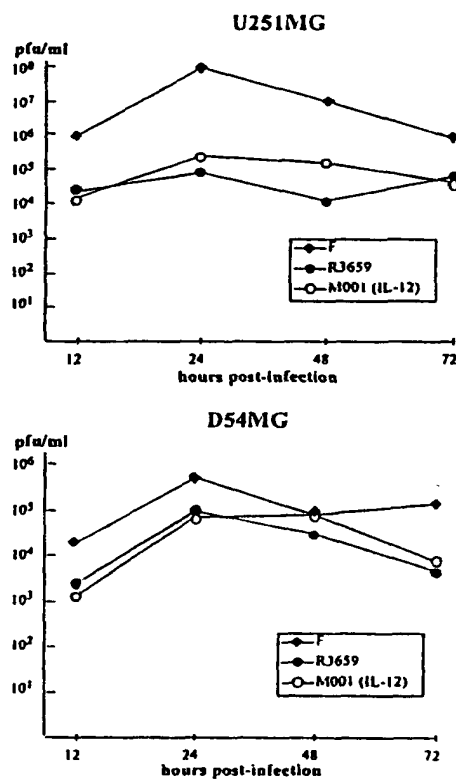


FIGURE 3

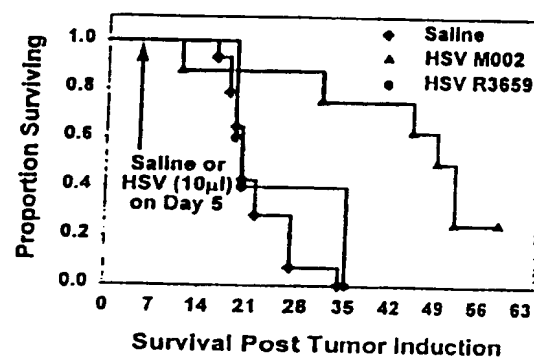


FIGURE 4

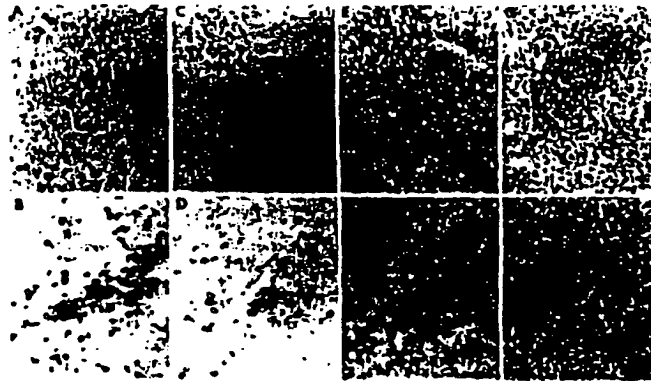
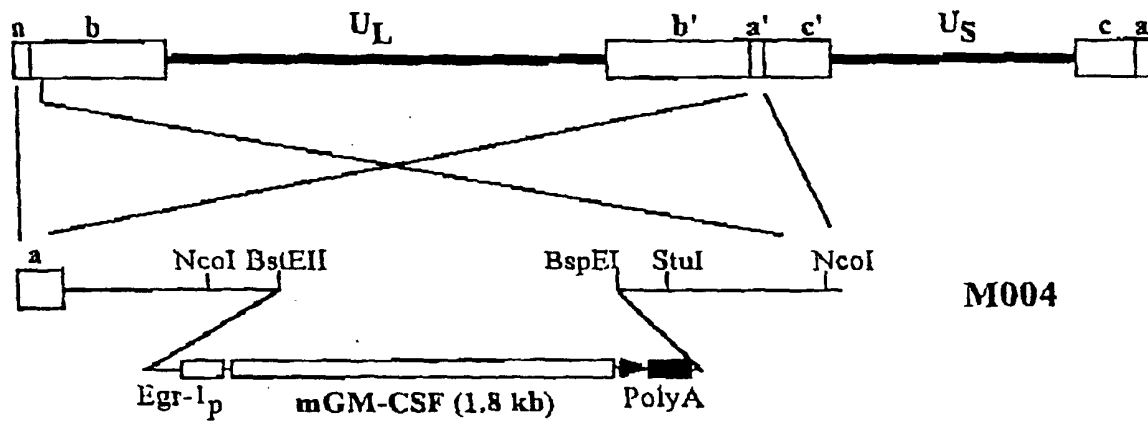


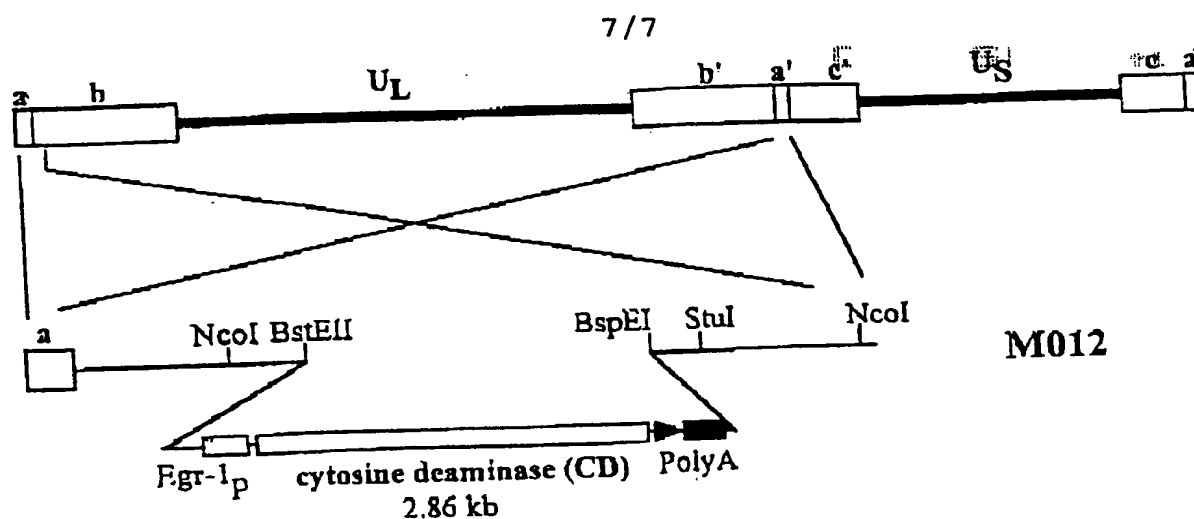
FIGURE 5

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Both copies of the $\gamma_1 34.5$ gene (located within the inverted repeat sequences a, a') have been replaced with the mGM-CSF insert. The background is HSV-1 "F" strain.

FIGURE 6



Both copies of the $\gamma_134.5$ gene (located within the inverted repeat sequences a, a') have been replaced with the CD insert. The background is HSV-1 "F" strain. The CD insert was obtained from the vector pCD2, obtained from the American Type Culture Collection (ATCC), catalog number 40999.

References for CD insert:

Biotechniques 7: 980-990, 1989
U.S. Pat. 5,358,866 October 25, 1994

FIGURE 7